

**2011 WorldSkills Australia Regional – VET in Schools
VETiS Construction School/College Competition
CON11/2 Competitors' Pre-Competition Information**

PREAMBLE

Part of the assessment is the reading of these documents. Please read them carefully.

Each competitor will construct:

- Drawing board and tee square

The aim of this project is-

it is a WorldSkills Australia competition that will give you a ranking according to the skills demonstrated on the day.

Some points about the marking of this project:

1. Points will only be awarded as indicated on the marking scale: no splitting of scores is permitted.
2. The marking criteria are found on the making scale beside each entry point. In some cases you will also find the criteria on the plans and on marking guide drawings within the marking scale.
3. Part of the assessment is the reading of these documents and submitting the 2 proformas contained in this booklet before doing the task.
4. Proforma 1 is a materials list and is to be completed before the day and submitted to the judges at the beginning of the competition
5. Proforma 2 is a work method statement to be completed now and handed to the judges on the day and before the competition begins – use this to plan your construction and be sure to include:
 - a) Three possible hazards using power tools, nominating safety controls
 - b) Two possible housekeeping hazards and nominate safety controls
 - c) Identify two possible hazards using hand tools

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OCCUPATIONAL HEALTH & SAFETY

- Only two cautions may be given
- On receipt of the second caution you will be given notice that a third indiscretion will cause **disqualification**
- No points shall be deducted for cautions
- Should you show yourself to be unfamiliar with a piece of equipment, a judge may offer instruction on that equipment at the expense of time to you. This may be done in place of recording a caution at the judge's discretion and with your consent.
- You may request instruction on equipment with which you are unfamiliar at the expense of your own time.

These OH&S notes will be repeated in your competitor's instructions given out on the day.

Competency Assessment

Competency may only be awarded when a student or competitor has achieved a "yes" in **ALL** of those qualities highlighted in the marking scale.

Key qualities amounting to competency have been highlighted as example below:

Finish]				Key Qualities
Quality Checked	Criteria	Yes	No	
Hammer marks	None	3	0	
Pen/pencil marks	None visible to interior	1	0	
Dirt, grease or other marks	None [Assessor's Discretion]	2	0	
Chips, splits or other damage	None [Assessor's Discretion]	3	0	
		Score 9		

The qualities of producing finished work unmarked by hammer blows and without chips or splits is critical to competent performance and hence are highlighted as such. The other qualities of cleanliness of the finished work, whilst highly desirable do not detract sufficiently for the demonstrated competency to eliminate the award. That is to say that the other qualities are either of an advanced nature, or that they are likely to cause only such error as may be rectified easily without reducing the overall outcome. Such qualities are hence 'desirable' but not essential to someone 'competently' doing the task.

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Some Notes on Wording in the Marking Scale and Plans

Please note the following definitions:

- **‘Competitor’s discretion’** – Example: Competitors may choose to fasten members using any of the fasteners supplied. However competitors may lose marks if such fixing is poorly done, or the situation called for something other than that which they chose to use, or does not follow specifications in the plans.
- **‘As Drawn’** - This applies particularly to joints but is sometimes used in determining the position of something. In the case of joints; Joints that are deemed to be not at least similar in type [i.e. a tenon if a tenon was called for, a housing if a housing was called for etc.] are not be assessed further. ie. no points are awarded for that joint.
- **‘Fit’** - Fit may be assessed using a feeler gauge where necessary. Allowance specified is for the central 95% of the length of joint faces:

Note: The specification of 95% is nominal only – you are not in the least expected to calculate or measure this - its sole purpose is to allow the judge the ability of awarding a valid score for an otherwise tight joint that may have a very small gap or chip at one end.

- **‘Assessor’s discretion’** – Requires assessor to decide whether or not points should be awarded on a given issue i.e. fastening quality/appropriateness. This decision is based upon the assessor’s trade experience and the circumstances of the situation.

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INCLUSIONS: Two proformas and a plan of the Drawing Board

OH&S Requirements

Electrical Equipment test & tag - Organisers and Competitors - Only 240V & 415v electrical equipment that has been tested by a competent person and has a current test tag attached shall be allowed to be used in the competitions

Demonstrate Good Housekeeping - Organisers and Competitors are required to properly manage their workplace, including minimising waste, preventing unavoidable power/gas consumption and effectively using materials and tools.

Safe Work Method Statement - Competitors must complete a Safe Work Method Statement in preparation to compete in the competition. Completed Safe Work Method Statements must be submitted to the Chief Judge prior to the start of the competition. No competitor will be allowed to compete in the competition unless a Safe Work Method Statement has been completed.

Electrical Procedures - Organisers and Competitors involved in any electrical activities associated with the competitions are required to use a safe system of work. This shall include following the WorldSkills Australia Electrical procedure and completing an Electrical Risk Assessment prior to competition.

Safety Checklist

The Safety Checklists are to be completed by the Chief Judge in each category prior to commencing the competitions each day

The Safety Checklists will help you maintain a safe working environment

Workers includes all persons associated with the competition work areas

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PROFORMA 11

Work Method Statement		Signed off:
Competitor:		Date:
Project: Drawing board and tee square		Accepted: Yes/No
Job: As Above		Areas:
Procedures (in steps):	Possible Hazards:	Safety Controls:
1.		
2.		
3.		
4.		
5.		
6.		
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8.		
9.		
10.		
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19.		
20.		

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Materials Order

Item	No. Req'd	Material	Section	Lengths
board		Chip board	700 x 500 x 18	
Drawing board frame		KD Hardwood	60 x 19	
Wedges		KD Hardwood	90 x 35	
Edging		KD Hardwood	18 x 10	
Tee square stock		KD Hardwood	65 x 12	
Tee square blade		KD Hardwood	65 x 12	
TOTAL COST				

ASSUMING MATERIAL COSTS ARE AS FOLLOWS:

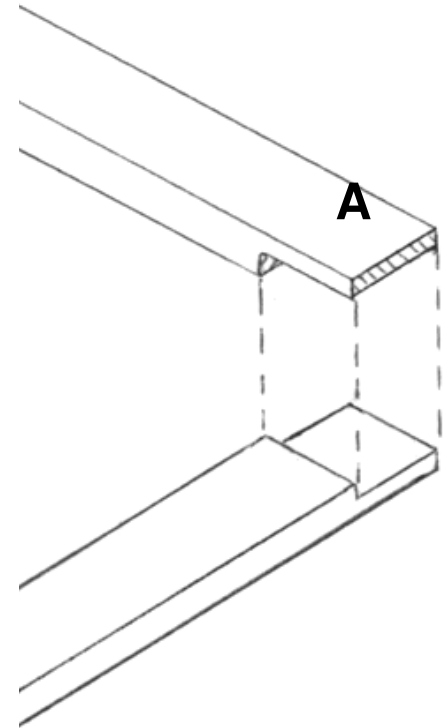
Calculate the cost of the timber for the project:

Fastenings

Materials	COST / LM
Chip board	7.00 s/m
60 x 19 kiln dried hardwood	3.90
90 x 35 kiln dried hardwood	4.50
18 x 10 kiln dried hardwood	1.00
65 x 12 kiln dried hardwood	3.00

Screws and nails provided and are to be used as per drawing or at competitors discretion.

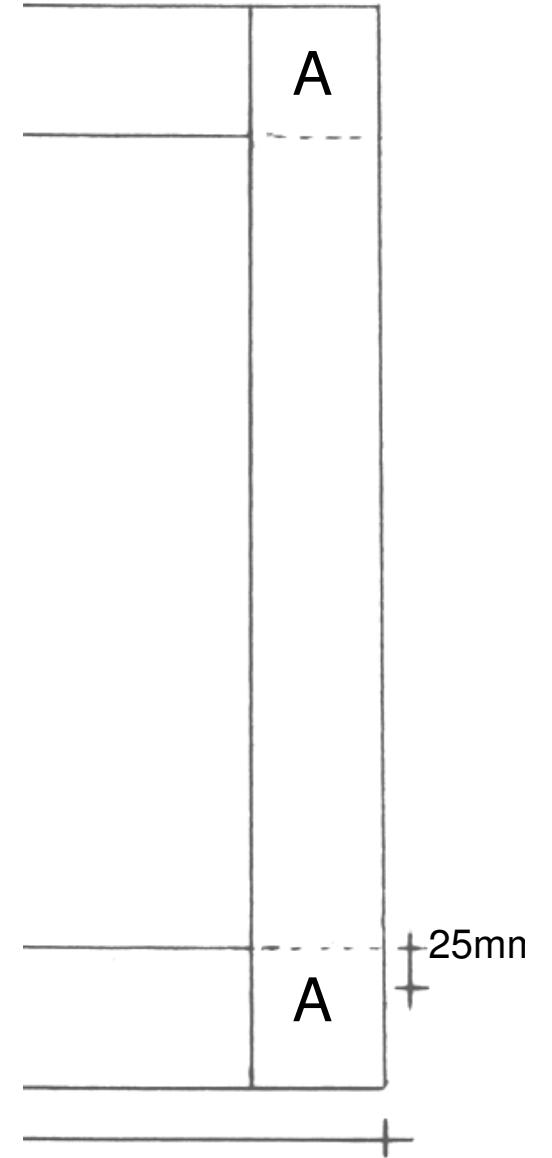
Drawing board frame



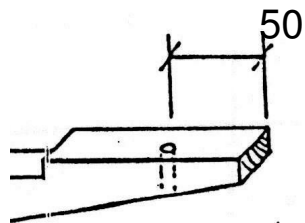
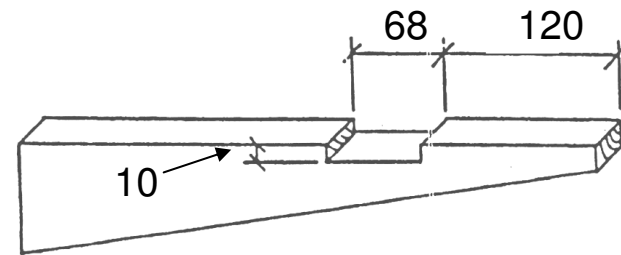
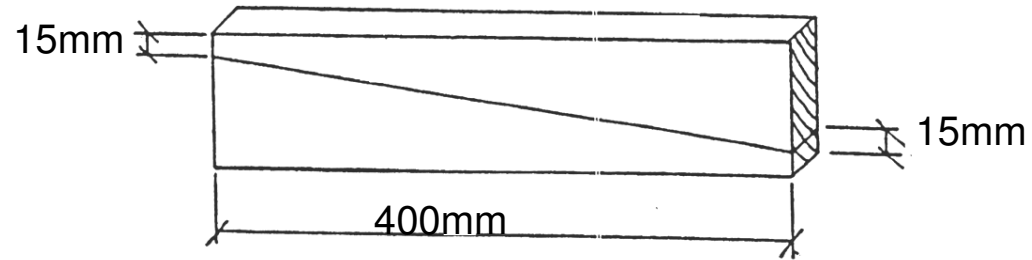
Drawing board frame

- -

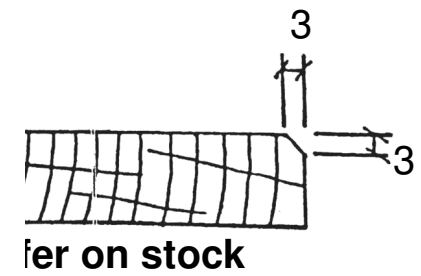
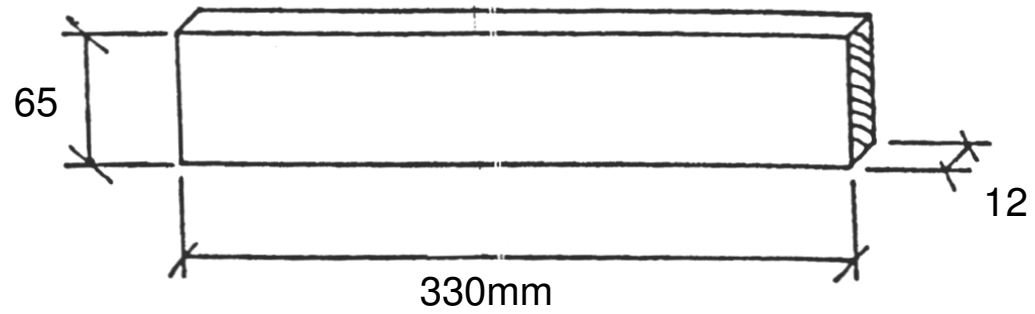
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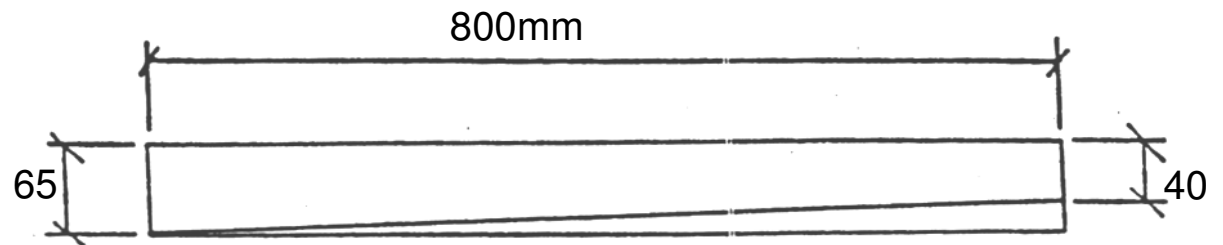
Wedges



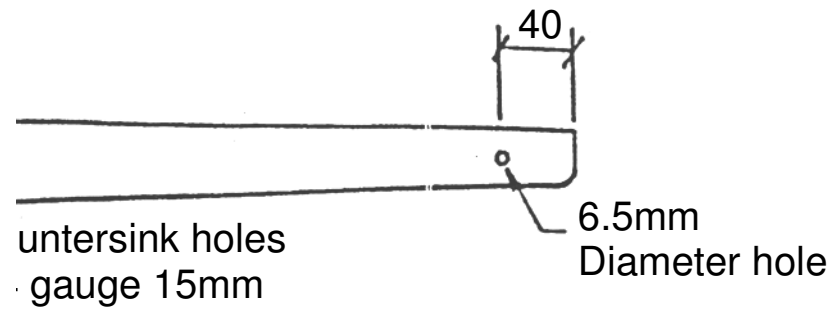
le



Tee square blade



Completed Tee square



18

